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Relevance scale **1 The Kiewit network: a large AppleTalk internetwork**

R. E. Brown

August 1987 **ACM SIGCOMM Computer Communication Review , Proceedings of the ACM workshop on Frontiers in computer communications technology,**
Volume 17 Issue 5Full text available:  pdf(1.42 MB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Dartmouth College's Kiewit Network connects nearly all of the computing resources on the campus: mainframes, minicomputers, personal computers, terminals, printers, and file servers. It is a large internetwork, based on the AppleTalk protocols. There are currently over 2900 AppleTalk outlets in 44 zones on campus. Over 90 minicomputers act as bridges between 177 AppleTalk twisted pair busses. This paper describes the extent and facilities of the current network; the extensions made to the A ...

2 The work to make a network work: studying CSCW in action

John Bowers

October 1994 **Proceedings of the 1994 ACM conference on Computer supported cooperative work**Full text available:  pdf(1.69 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper reports on a field study of the procurement, implementation and use of a local area network devoted to running CSCW-related applications in an organization within the U.K.'s central government. In this particular case, the network ran into a number of difficulties, was resisted by its potential users for a variety of reasons, was faced with being withdrawn from service on a number of occasions and (at the time of writing) remains only partly used. The study points to the kinds of ...

3 Macintosh OS X: a smooth migration

Scott E. Hanselman, Mahmoud Pegah

September 2003 **Proceedings of the 31st annual ACM SIGUCCS conference on User services**Full text available:  pdf(208.81 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The Ringling School of Art and Design is a fully accredited four year college of visual art and design with a student population of approximately 1000. The Ringling School has achieved national recognition for its large-scale integration of technology into collegiate visual art and design education and maintains a student to computer ratio of better than two to one. Due to the demand for computing power and the requirement for ease of use, we moved our

instructional computer laboratories to the ...

Keywords: Macintosh OS X, NFS, NIS, SSH, fonts, migration, network

4 [A network approach to microcomputer support](#) 

L. T. Parker, Barry L. Berman

October 1981 **Proceedings of the 9th annual ACM SIGUCCS conference on User services**

Full text available:  pdf(653.60 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Beginning its operation in 1967, the North Carolina Educational Computing Service (NCECS), a division of the University of North Carolina General Administration, is the central organization for a network of 57 institutions in North Carolina. NCECS was organized in connection with a centralized approach to delivering computing service. One major advantage of terminals to a central facility such as NCECS/TUCC is that users have access to a large central library of instructional sof ...

5 [Kernel Korner: Network Buffers and Memory Management](#) 

October 1996 **Linux Journal**

Full text available:  html(46.60 KB) Additional Information: [full citation](#), [index terms](#)

6 [Insights into the implementation and application of heterogeneous local area networks](#) 

William P. Lidinsky

October 1981 **Proceedings of the seventh symposium on Data communications**

Full text available:  pdf(822.70 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The ideal local area network is a mechanism which provides concurrent high speed error-free data paths over a limited geographical area and between any computational entities on the network. A computational entity may be a program running on any type of computer, any intelligent device, or any terminal. This means that such an ideal network must be able to support systems of cooperating processes within disjoint and dissimilar host environments. Achieving such an ideal heterogene ...

7 [K12 network: global education through telecommunications](#) 

Janet Murray

August 1993 **Communications of the ACM**, Volume 36 Issue 8

Full text available:  pdf(2.09 MB) Additional Information: [full citation](#), [references](#), [index terms](#), [review](#)

Keywords: K-12 educational telecommunications

8 [Computer performance evaluation with GIST: a tool for specifying extended queueing network models](#) 

J. B. Sinclair, K. A. Doshi, S. Madala

December 1985 **Proceedings of the 17th conference on Winter simulation**

Full text available:  pdf(910.47 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

GIST (Graphical Input Simulation Tool) is a powerful and user-friendly performance evaluation tool for the specification and simulation of Extended Queueing Network models of computer and other systems. It includes a number of modeling abstractions for active and passive resource management, job creation and destruction, synchronization, routing, and

statistics collection. Two interfaces are provided: a graphical interface (GUIDE) that allows the user to describe much of the simulation mode ...

9 A model for the design of high performance protocols for a networked computing environment

Gary D. Law

January 1988 **Proceedings of the 1988 ACM SIGSMALL/PC symposium on ACTES**

Full text available:  pdf(1.00 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The advent of high bandwidth local area networks means that it is now possible to interconnect large numbers of devices with widely differing processing capabilities in such a manner that the various devices may closely interact. Before such a system may be realised, it is necessary to define a set of conventions to govern the way in which the network nodes interact with each other. The Triadic Network Model is introduced to describe the interactions between personal computers and ...

10 A support strategy for users of a campus-wide local area network

Stephen M. Poltz, Scott W. Smith, David W. Ballowe

October 1988 **Proceedings of the 16th annual ACM SIGUCCS Conference on User Services**

Full text available:  pdf(431.25 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

At the time of the network's purchase, the University had no centralized data communications organization. Responsibilities of the network were divided between two departments, the Data Communications group at Academic Computing Services (ACS) and Voice and Data Telecommunications. ACS provided the system administration and user support while Telecommunications had physical control and performed the business duties. This dualistic approach to running the network created an environment of co ...

11 Departmentally administered, shared network services: a model of cooperation

Andrew L. Hollander

November 1995 **Proceedings of the 23rd annual ACM SIGUCCS conference on User services: winning the networking game**

Full text available:  pdf(330.74 KB) Additional Information: [full citation](#), [index terms](#)

12 Local microcomputer networks and their impact on computer science education

Hayden S. Porter

April 1982 **Proceedings of the 20th annual Southeast regional conference**

Full text available:  pdf(368.70 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Advances in computer science and semiconductor technology have combined to create what now generally is recognized as the computer revolution. Three features of this revolution are examined as to their impact on computer science education: 1) the reduction of the cost threshold to gain access to computation, 2) the availability of dedicated processors for real-time computation, and 3) the existence of local computer networks in which the nodes are stand-alone microcomputers that share information ...

13 The Chapman Residence Hall project: a microcomputer rental pilot project

Robert J. Fyfe

September 1991 **Proceedings of the 19th annual ACM SIGUCCS conference on User services**

Full text available:  pdf(866.08 KB) Additional Information: [full citation](#), [index terms](#)

14 Networking the networks

Allan R. Jones

November 1995 **Proceedings of the 23rd annual ACM SIGUCCS conference on User services: winning the networking game**Full text available:  pdf(339.00 KB) Additional Information: [full citation](#), [index terms](#)**15 The networked library: a cooperative training program for today's campus**

Sharon Roy, Colette O. Holmes

November 1993 **Proceedings of the 21st annual ACM SIGUCCS conference on User services**Full text available:  pdf(384.35 KB) Additional Information: [full citation](#), [references](#), [index terms](#)**16 Scaling Issues in Community Networks**

Ken Klingenstein

December 1995 **Proceedings of the 1995 ACM/IEEE conference on Supercomputing (CDROM)**Full text available:  html(25.57 KB) Additional Information: [full citation](#)**17 Community networking II: technology**

Alaina Kanfer

December 1995 **Proceedings of the 1995 ACM/IEEE conference on Supercomputing (CDROM)**Full text available:  html(25.57 KB) Additional Information: [full citation](#), [index terms](#)**18 Legal implications of community networks**

Juliet M. Oberding

December 1995 **Proceedings of the 1995 ACM/IEEE conference on Supercomputing (CDROM)**Full text available:  html(25.57 KB) Additional Information: [full citation](#), [index terms](#)**19 GENESIS project: government education network educating students through interactive simulation project**

Holley Woelber, Douglas Blanchette, Roseanne Marsett, Jerry Karels

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Alaina Kanfer

December 1995 **Proceedings of the 1995 ACM/IEEE conference on Supercomputing (CDROM)**Full text available:  html(25.57 KB) Additional Information: [full citation](#), [index terms](#)

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